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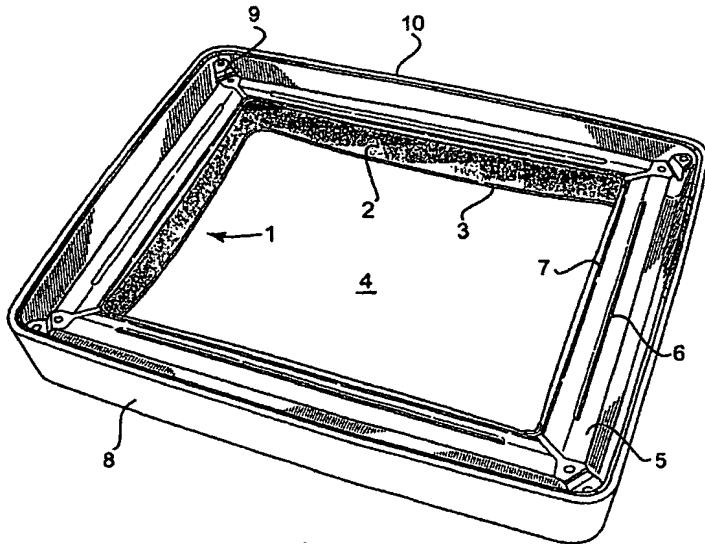
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*[Continued on next page]*

(54) Title: FRAME SECTION FOR A CATHODE RAY TUBE



WO 2004/021388 A1

(57) Abstract: The present invention relates to a frame section (1) and a method for uncoupling at least a part of a reinforcing flange (5) from the rest of the frame section, a shadow mask frame and a shadow mask (4) in a cathode ray tube. The shadow mask frame is composed of at least four frame sections arranged in a hollow, generally rectangular shape, and each frame section includes two flange portions (2, 5) of a thin-walled material arranged at an angle to each other. A first flange portion serves as a mask mounting flange (2) the width of which extends generally in parallel with the cathode rays, and a second flange portion serves as a reinforcing flange (5) whose width extends generally perpendicularly to the cathode rays. According to the invention, a through-slit (6) is formed in the longitudinal direction of the frame section.



*MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH,  
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO  
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**A. CLASSIFICATION OF SUBJECT MATTER**

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08, 5 August 2002 (2002-08-05) -& JP 2002 100300 A (SONY CORP), 5 April 2002 (2002-04-05) the whole document abstract; figures 5, 4, 12 paragraphs '0019!, '0021!, '0025!; figure 7 ---	1-4, 7-9
Y	abstract; figures 5, 4, 12 paragraphs '0019!, '0021!, '0025!; figure 7 ---	5, 6
X	WO 02 01594 A (KONINKL PHILIPS ELECTRONICS NV) 3 January 2002 (2002-01-03)	1, 6-9
Y	abstract; claims 1-3; figures 4, 5 ---	6
Y	WO 02 09138 A (KONINKL PHILIPS ELECTRONICS NV) 31 January 2002 (2002-01-31) abstract page 6, line 30 -page 7, line 15; figures 3, 4 ---	5
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Patent family members are listed in annex.

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